



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/939,136	08/24/2001	Scott T. Brown	CSP-1	2977
21833	7590	06/02/2008	EXAMINER	
PRITZKAU PATENT GROUP, LLC			JEAN GILLES, JUDE	
993 GAPTER ROAD			ART UNIT	PAPER NUMBER
BOULDER, CO 80303			2143	
MAIL DATE		DELIVERY MODE		
06/02/2008		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 09/939,136	Applicant(s) BROWN ET AL.
	Examiner JUDE J. JEAN GILLES	Art Unit 2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If no period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(o).

Status

- 1) Responsive to communication(s) filed on 21 February 2008.
 2a) This action is FINAL. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1,3,4,6-30,43-72 and 77-105 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) Claim(s) 45 and 83 is/are allowed.
 6) Claim(s) 1,3,4,6,7,12-30,43,44,46-72,77-82 and 84-105 is/are rejected.
 7) Claim(s) 8-11 is/are objected to.
 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on 24 August 2001 is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) Notice of References Cited (PTO-892)
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
 3) Information Disclosure Statement(s) (PTO/SB/08)
 Paper No(s)/Mail Date _____
- 4) Interview Summary (PTO-413)
 Paper No(s)/Mail Date _____
 5) Notice of Informal Patent Application
 6) Other: _____

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 02/21/2008 has been entered.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. **Claims 1, 3, 4, 6-30, 43-72, and 77-105** are rejected under 35 U.S.C. 103(a) as being unpatentable over Gough et al (Gough), Patent No. 6,360,221 B1 in view of Shapiro et al (Shapiro) U.S. patent No. 6965926 B1.

Regarding claim 1, Gough teaches In a multi-user e-mail messaging system interfaced through the Internet and including at least a first user group sharing at least a first server, which first server is, in turn, interfaced to the Internet such that any user of the first user group may send an e-mail message for transfer to an intended recipient

selected as at least one of another user in the first user group and a remote user interfaced to the Internet by a connection other than said first server (Gough; fig. 1, items 10, 12, 14, 15, and 16; also see abstract), a method comprising:

after said e-mail message has been originated by an originating user of the first user group, directing the e-mail message onto an e-mail enhancement path, including (i) receiving the e-mail message at said first server, (ii) altering the e-mail message, and (iii) directing the altered e-mail message to a second server located on the e-mail enhancement path (Gough; column 18, lines 3-20; column 4, lines 1-21);

adding additional rich media content to said e-mail message using the e-mail enhancement path to produce an enhanced e-mail message (Gough; fig. 2B; column 6, line 12-39); and

thereafter, directing the enhanced e-mail message from the e-mail enhancement path to the intended recipient (Gough; fig. 3, column 7, lines 43-61; column 3, lines 50-67).

Although Gough teaches substantial features of this invention, Gough does not specifically disclose after said email message has been composed and sent via a standard messaging protocol.... Nonetheless, this feature is wellknown in the art, and would have been an obvious modification as evidenced by Shapiro in light of Gough.

In the same teaching environment, Shapiro teaches that " Email is conventionally transmitted and received using standard mail protocols, such as Simple Mail Transfer Protocol (SMTP) and Post Office Protocol (POP), respectively. SMTP is a protocol for sending email messages between mail servers within a network. Most email systems

that send email over the global Internet use SMTP to send messages from one mail server to another..." (see Shapiro, col. 1, lines 44-54).

Accordingly, it would have been obvious for an average skill in the art to have incorporated the features taught by Shapiro with the teaching of Gough for the purpose of providing a system a need for delivering content that is less frequently used. More particularly, there is a need for methods and systems that provide a comprehensive solution for receiving and viewing content-rich communications and messages that enable efficient delivery of such messages while avoiding the need for large downloads and issues with latency..." see Shapiro col. 3, lines 25-30. By this rationale, claim 1 is rejected.

Regarding claims 3, 4, 6-30, 43-72, and 77-105, the combination Gough-Shapiro teaches:

2. (canceled)

3. (previously amended) The method of claim 1 wherein said receiving includes using TCP/IP socket communication (Gough; column 3,lines 50-67).

4. (previously amended) The method of claim 1 wherein said receiving includes using direct API access (Gough; fig. 11; column 14, lines 38-45).

5. (canceled)

6. (previously amended) The method of claim 1 wherein said e-mail message includes a header section, which contains information regarding the originating user and the intended recipient, and wherein said altering the e-mail message includes

separating and modifying the header section in a predetermined way (Gough; fig. 3, item 36).

7. (previously amended) The method of claim 6 wherein said separating and modifying the header section includes parsing and temporarily storing the originating user and intended recipient information contained in the header section in a designated file separate from the e-mail message (Gough; fig. 3, item 36).

8. (previously amended) The method of claim 6 wherein said modifying the header section in said predetermined way includes inactivating said information regarding the originating user and intended recipient contained in the header section, and adding an alternate header section containing active information regarding an alternate sender and an alternate message recipient (Gough; fig. 3, item 36).

9. (previously amended) The method of claim 8 wherein said inactivating includes adding a predetermined prefix to the originating user and intended recipient information contained in the header section such that said information is inactivated (Gough; fig. 3, item 36).

10. (previously amended) The method of claim 8 wherein said adding the alternate header section includes specifying said second server as the alternate message recipient (Gough; fig. 3, item 36).

11. (previously amended) The method of claim 8 wherein said directing the enhanced message to the intended recipient includes deleting the alternate header

section, and reactivating the originating user and intended recipient information contained in the header section of the e-mail message (Gough; fig. 3, item 36).

12. (previously amended) The method of claim 1 wherein said directing the altered e-mail message to the second server includes using TCP/IP socket communication (Gough; column 3, lines 50-67).

13. (previously amended) The method of claim 1 wherein said directing the e-mail message onto the e-mail enhancement path includes adding a request for additional rich media content to the e-mail message (Gough; fig. 2B; column 6, line 12-39).

14. (currently amended) In a multi-user e-mail messaging system interfaced through the Internet and including at least a first user group sharing at least a first server, which first server is, in turn, interfaced to the Internet such that any user of the first user group may send an e-mail message for transfer to an intended recipient selected as at least one of (i) another user in the first user group and (ii) a remote user interfaced to the Internet by a connection other than said first server (Gough; fig. 1, items 10, 12, 14, 15, and 16; also see abstract), a method comprising:

after said e-mail message has been composed and sent via a standard messaging protocol (see Shapiro, col. 1, lines 44-54) by an originating user of the first user group, directing the e-mail message onto an e-mail enhancement path (Gough; column 18, lines 3-20; column 4, lines 1-21);

adding additional rich media content to said e-mail message using the e-mail enhancement path to produce an enhanced e-mail message (Gough; fig. 2B; column 6, line 12-39); and

thereafter, directing the enhanced e-mail message from the e-mail enhancement path to the intended recipient including adding a request for additional rich media content to the e-mail message and adding said request for additional rich media content to said e-mail message includes providing a validation of the request such that said additional rich media content is added to said e-mail message responsive to said validation (Gough; fig. 3, column 7, lines 43-61;column 3, lines 50-67).

15. (previously amended) The method of claim 14 wherein said adding the request for additional rich media content further includes inserting one or more reference tags into said e-mail message (Gough; column 14, lines 15-36).

16. (previously amended) The method of claim 15 wherein said providing the validation of the request for additional rich media content includes assigning a desired set of rules for said validation, and generating the validation according to the desired set of rules (Gough; fig. 3, column 7, lines 43-61;column 3, lines 50-67).

17. (previously amended) The method of claim 15 wherein said inserting one or more reference tags into said e-mail message includes adding a message ID tag for identifying the e-mail message, which message ID tag is unique to said e-mail message (Gough; column 14, lines 15-36).

18. (previously amended) The method of claim 15 wherein said inserting one or more reference tags into said e-mail message includes adding a group ID tag for

Art Unit: 2143

identifying the e-mail message as being sent by said first user group (Gough; column 14, lines 15-36).

19. (previously amended) The method of claim 15 wherein said inserting one or more reference tags into said e-mail message includes adding a template ID tag for identifying the additional rich media content to be added to the e-mail message (Gough; column 14, lines 15-36).

20. (previously amended) The method of claim 19 wherein said adding the template ID tag is performed responsive to a specified action taken by the originating user (Gough; column 14, lines 15-36).

21. (previously amended) The method of claim 19 wherein said first user group is subject to control at an administrative level, and wherein said adding the template ID tag is performed responsive to an administrative selection rather than responsive to action taken by the originating user (Gough; column 14, lines 15-36).

22. (previously amended) The method of Claim 15 further comprising recording said reference tags in a database (Gough; column 14, lines 15-36).

23. (previously amended) The method of claim 15 wherein said e-mail message includes a header section, which contains information regarding the originating user and the intended recipient, and wherein said inserting one or more reference tags into said e-mail message includes adding one or more of said reference tags to the header section of the e-mail message (Gough; column 14, lines 15-36).

Art Unit: 2143

24. (previously amended) The method of claim 15 wherein said e-mail message includes a header section, which contains information regarding the originating user and the intended recipient, and wherein said inserting one or more reference tags into said e-mail message includes adding one or more of said reference tags to the e-mail message outside of the header section (Gough; column 14, lines 15-36).

25. (currently amended) In a multi-user e-mail messaging system interfaced through the Internet and including at least a first user group sharing at least a first server, which first server is, in turn, interfaced to the Internet such that any user of the first user group may send an e-mail message for transfer to an intended recipient selected as at least one of (i) another user in the first user group and (ii) a remote user interfaced to the Internet by a connection other than said first server, and said messaging system further defines an in-coming e-mail message path to each user of the first user group from the first server at least for receiving an external e-mail message originating outside the first user group and directed to one or more of the users of the first user group (see Gough; fig. 1, items 10, 12, 14, 15, and 16; also see abstract) a method comprising:

after said e-mail message has been composed and sent via a standard messaging protocol (see Shapiro, col. 1, lines 44-54) by an originating user of the first user group, directing the e-mail message onto an e-mail enhancement path by routing the e-mail message to an out-going message path, which includes the enhancement path, and which includes at least one different process as compared to the incoming e-mail message path(Gough; column 18, lines 3-20; column 4, lines 1-21);

adding additional rich media content to said e-mail message using the e-mail enhancement path to produce an enhanced e-mail message(Gough; fig. 2B; column 6, line 12-39); and

thereafter, directing the enhanced e-mail message from the e-mail enhancement path to the intended recipient (Gough; fig. 3, column 7, lines 43-61;column 3, lines 50-67).

26. (previously amended) The method of claim 25 wherein said routing the e-mail message to an out-going message path includes directing the e-mail message through a second server, which second server is outside of the in-coming e-mail message path (Gough; fig. 1, items 12 and 15).

27. (previously amended) The method of claim 1 wherein said adding additional rich media content to the e-mail message includes creating one or more rich media templates to serve as said additional rich media content (Gough; column 14, lines 15-36).

28. (previously amended) The method of claim 27 wherein said creating one or more templates includes implementing a set of computer code compatible with the Internet, said set of computer code including instructions for displaying specified rich media content (Gough; column 14, lines 15-36).

29. (previously amended) The method of claim 28 wherein said creating one or more rich media templates further includes adding an insertion tag for identifying a point in said rich media template at which point at least a portion of said

e-mail message is to be inserted into the rich media template (Gough; column 14, lines 15-36).

30. (Original) The method of claim 28 wherein said set of computer code is in HTML.

31-42. (Canceled)

62. (previously amended) A computer program arrangement in a computer readable medium for use in a multi-user e-mail messaging system interfaced through the Internet and including at least a first user group sharing at least a first server, which first server is, in turn, interfaced to the Internet such that any user of the first user group may send an e-mail message for transfer to an intended recipient selected as at least one of (i) another user in the first user group and (ii) a remote user interfaced to the Internet by a connection other than said first server (see Gough; fig. 1, items 10, 12, 14, 15, and 16; also see abstract), said computer program arrangement comprising:

first instructions for directing the e-mail message to a predetermined location after said e-mail message has been originated by an originating user of the first user group (Gough; column 18, lines 3-20; column 4, lines 1-21);

at the predetermined location, second instructions for adding additional rich media content to said e-mail message to produce an enhanced e-mail message (Gough; fig. 2B; column 6, line 12-39); and

third instructions for directing the enhanced e-mail message to the intended recipient (Gough; fig. 3, column 7, lines 43-61; column 3, lines 50-67; figs. 4, and 8; Note that any number of instructions can be used in directing the message).

63. (Original) The computer program arrangement of claim 62 wherein said first, second and third instructions are distributed at least among the first user group and the first server (Gough; figs. 4, and 8).

Regarding claim 43, Gough discloses the invention substantially as claimed. Gough teaches in a multi-user e-mail messaging system interfaced through the Internet and including at least a first user group sharing at least a first server, which first server is, in turn, interfaced to the Internet such that any user of the first user group may send an e-mail message for transfer to an intended recipient selected as at least one of (i) another user in the first user group and (ii) a remote user interfaced to the Internet by a connection other than said first server, said messaging system including a firewall surrounding said first user group and said first server (see Gough; fig. 1, items 10, 12, 14, 15, and 16; also see abstract), a method comprising :

after said email message has been originated by an originating user of the first user group, adding a request for desired additional rich media content to the e-mail message and placing the e-mail message en route to the intended recipient (column 18, lines 3-20; column 4, lines 1-21);

directing the e-mail message to a first location inside the firewall; at the first location, identifying the request for desired additional rich media content in the e-mail message and providing a validation of the request for desired additional rich media content (column 18, lines 3-20; column 4, lines 1-21; column 13, lines 18-26);

forwarding the e-mail message to a second location outside the firewall; at the second location, adding the desired additional rich media content to said e-mail message responsive to said validation to produce an enhanced e-mail message; and thereafter, redirecting the enhanced e-mail message to the intended recipient (figs. 1 and 3; column 7, lines 43-61; column 3, lines 50-67). However Gough does not disclose the details of "directing the e-mail message to a first location inside the firewall and forwarding the e-mail message to a second location outside the firewall.

In the same field of endeavor, Shapiro discloses a "*Those skilled in the art will be familiar with configuring multiple computers to operate as a single server with farms of computers functioning as firewalls, database servers, proxy servers, and process load balancers... the dynamic content server may also be implemented to handle security protocols related to the content. Some of the content may be personal, confidential or proprietary. The dynamic content server (as well as the front-end client module 610 and the receiving email client module 670) may use custom or commercially available security protocols that may be overlaid onto content streams as they exit the front-end node 405 and the dynamic content server 440 in order to provide a secure email environment. In the exemplary embodiment, a conventional triple DES security protocol is preferred to be overlaid on outgoing streams of content to provide secure messaging. Other security protocols may be used as well..."*[see Shapiro; column 11, lines 46-54; column 20, lines 58-67].

Accordingly, it would have been obvious to one of ordinary skill in the networking art at the time the invention was made to have incorporated Shapiro's teachings of firewalls to secure an e-mail message, with the enhanced e-mail within an enhancement path teachings of Gough, for the purpose of "to provide a comprehensive solution for receiving and viewing content-rich communications and messages that enable efficient delivery of such messages while avoiding the need for large downloads and issues with latency..." as stated by Shapiro in lines 25-31 of column 3. By this rationale **claim 43** is rejected.

44. (currently amended) In a multi-user e-mail messaging system interfaced through the Internet and including at least a first user group sharing at least a first server, which first server is, in turn, interfaced to the Internet such that any user of the first user group may send an e-mail message for transfer to an intended recipient selected as at least one of (i) another user in the first user group and (ii) a remote user interfaced to the Internet by a connection other than said first server (see Gough; fig. 1, items 10, 12, 14, 15, and 16; also see abstract), said messaging system including a firewall surrounding said first user group and said first server, a method comprising:

after said e-mail message has been originated by an originating user of the first user group composed and sent via a standard messaging protocol (see Shapiro, col. 1, lines 44-54), directing the e-mail message to a first location inside the firewall [see Shapiro; column 11, lines 46-54; column 20, lines 58-67];

at the first location, adding a request for desired additional rich media content to the e-mail message and providing a validation of the request for desired additional rich media content; forwarding the e-mail message to a second location outside the firewall [see Shapiro; column 11, lines 46-54; column 20, lines 58-67];

at the second location, adding the desired additional rich media content to said e-mail message responsive to said validation to produce an enhanced e-mail message; and thereafter, redirecting the enhanced e-mail message to the intended recipient (see Gough; fig. 3, column 7, lines 43-61; column 3, lines 50-67).

46. (currently amended) In a multi-user e-mail messaging system interfaced through the Internet and including at least a first user group sharing at least a first server, which first server is, in turn, interfaced to the Internet such that any user of the first user group may send an e-mail message for transfer to an intended recipient selected as at least one of (i) another user in the first user group and (ii) a remote user interfaced to the Internet by a connection other than said first server (see Gough; fig. 1, items 10, 12, 14, 15, and 16; also see abstract), said messaging system including a firewall surrounding said first user group and said first server [see Shapiro; column 11, lines 46-54; column 20, lines 58-67], a method comprising:

sending said e-mail message en route to the intended recipient composed and sent via a standard messaging protocol (see Shapiro, col. 1, lines 44-54), thereby directing the e-mail message to a first location inside the firewall;

at the first location, adding a request for desired additional rich media content to the e-mail message and providing a validation of the request for desired additional rich media content according to a predetermined set of rules (column 18, lines 3-20; column 4, lines 1-21);

forwarding the e-mail message to a second location outside the firewall (column 18, lines 3-20; column 4, lines 1-21);

at the second location, adding the desired additional rich media content to said e-mail message responsive to said validation to produce an enhanced e-mail message; and thereafter, redirecting the enhanced e-mail message to the intended recipient (see Gough; column 18, lines 3-20; column 4, lines 1-21).

47. (currently amended) In a multi-user e-mail messaging system interfaced through the Internet and including at least a first user group sharing at least a first server, which first server is, in turn, interfaced to the Internet such that any user of the first user group may send an e-mail message for transfer to an intended recipient selected as at least one of (i) another user in the first user group and (ii) a remote user interfaced to the Internet by a connection other than said first server (see Gough; fig. 1, items 10, 12, 14, 15, and 16; also see abstract), said messaging system including a firewall surrounding said first user group and said first server [see Shapiro; column 11, lines 46-54; column 20, lines 58-67], a method comprising :

adding a request for desired additional rich media content to the e-mail message and placing the e-mail message en route to the intended recipient composed and sent via a standard messaging protocol (see Shapiro, col. 1, lines 44-54), directing the e-mail

message to a first location inside the firewall (column 18, lines 3-20; column 4, lines 1-21);

at the first location, identifying the request for desired additional rich media content in the e-mail message and providing a validation of the request for desired additional rich media content (column 18, lines 3-20; column 4, lines 1-21);

forwarding the e-mail message, after said providing the validation, to a second location inside the firewall (column 18, lines 3-20; column 4, lines 1-21);

at the second location, selectively adding the desired additional rich media content to said e-mail message responsive to said validation to produce an enhanced e-mail message; and thereafter, redirecting the enhanced e-mail message to the intended recipient (fig. 3, column 7, lines 43-61; column 3, lines 50-67).

48. (currently amended) In a multi-user e-mail messaging system interfaced through the Internet and including at least a first user group sharing at least a first server, which first server is, in turn, interfaced to the Internet such that any user of the first user group may send an e-mail message for transfer to an intended recipient selected as at least one of (i) another user in the first user group and (ii) a remote user interfaced to the Internet by a connection other than said first server (see Gough; fig. 1, items 10, 12, 14, 15, and 16; also see abstract), said messaging system including a firewall surrounding said first user group and said first server [see Shapiro; column 11, lines 46-54; column 20, lines 58-67], a method comprising:

placing said e-mail message en route to the intended recipient composed and sent via a standard messaging protocol (see Shapiro, col. 1, lines 44-54); directing the

e-mail message to a first location inside the firewall (column 18, lines 3-20; column 4, lines 1-21);

at the first location, adding a request for desired additional rich media content to the e-mail message and providing a validation of the request for desired additional rich media content (column 18, lines 3-20; column 4, lines 1-21);

forwarding the e-mail message, after providing the validation, to a second location inside the firewall (column 18, lines 3-20; column 4, lines 1-21);

at the second location, selectively adding the desired additional rich media content to said e-mail message responsive to said validation to produce an enhanced e-mail message; and thereafter, redirecting the enhanced e-mail message to the intended recipient (fig. 3, column 7, lines 43-61; column 3, lines 50-67).

49. (currently amended) In a multi-user e-mail messaging system interfaced through the Internet and including at least a first user group sharing at least a first server, which first server is, in turn, interfaced to the Internet such that any user of the first user group may send an e-mail message for transfer to an intended recipient selected as at least one of (i) another user in the first user group and (ii) a remote user interfaced to the Internet by a connection other than said first server (see Gough; fig. 1, items 10, 12, 14, 15, and 16; also see abstract), said messaging system including a firewall surrounding said first user group and said first server[see Shapiro; column 11, lines 46-54; column 20, lines 58-67], a method comprising:

adding a request for desired additional rich media content to the e-mail message and placing the e-mail message en route to the intended recipient composed and sent

via a standard messaging protocol (see Shapiro, col. 1, lines 44-54), directing the e-mail message to a first location inside the firewall (column 18, lines 3-20; column 4, lines 1-21);

at the first location, identifying the request for desired additional rich media content in the e-mail message and providing a validation of the request for desired additional rich media content according to a predetermined set of rules (column 18, lines 3-20; column 4, lines 1-21);

forwarding the e-mail message to a second location inside the firewall; at the second location, selectively adding the desired additional rich media content to said e-mail message responsive to said validation to produce an enhanced e-mail message; and thereafter, redirecting the enhanced e-mail message to the intended recipient (fig. 3, column 7, lines 43-61; column 3, lines 50-67).

50. (currently amended) In a multi-user e-mail messaging system interfaced through the Internet and including at least a first user group sharing at least a first server, which first server is, in turn, interfaced to the Internet such that any user of the first user group may send an e-mail message for transfer to an intended recipient selected as at least one of (i) another user in the first user group and (ii) a remote user interfaced to the Internet by a connection other than said first server (see Gough; fig. 1, items 10, 12, 14, 15, and 16; also see abstract), said messaging system including a firewall surrounding said first user group and said first server[see Shapiro; column 11, lines 46-54; column 20, lines 58-67], a method comprising :

placing said e-mail message en route to the intended recipient composed and sent via a standard messaging protocol (see Shapiro, col. 1, lines 44-54), directing the e-mail message to a first location inside the firewall (column 18, lines 3-20; column 4, lines 1-21);

at the first location, adding a request for desired additional rich media content to the e-mail message and providing a validation of the request for desired additional rich media content according to a predetermined set of rules (column 18, lines 3-20; column 4, lines 1-21);

forwarding the e-mail message to a second location inside the firewall(see Gough; column 18, lines 3-20; column 4, lines 1-21);

at the second location, selectively adding the desired additional rich media content to said e-mail message responsive to said validation to produce an enhanced e-mail message; and thereafter, redirecting the enhanced e-mail message to the intended recipient (see Gough; column 18, lines 3-20; column 4, lines 1-21).

51. (currently amended) In multi-user e-mail messaging system interfaced through the Internet and including at least a first user group sharing at least a first server, which first server is, in turn, interfaced to the Internet such that any user of the first user group may send an e-mail message for transfer to an intended recipient selected as at least one of (i) another user in the first user group and (ii) a remote user interfaced to the Internet by a connection other than said first server (see Gough; fig. 1, items 10, 12, 14, 15, and 16; also see abstract), said messaging system including a

firewall surrounding said first user group and said first server[see Shapiro; column 11, lines 46-54; column 20, lines 58-67], a configuration comprising:

means for adding a request for desired additional rich media content to the e-mail message and placing the e-mail message en route to the intended recipient composed and sent via a standard messaging protocol (see Shapiro, col. 1, lines 44-54), means for directing the e-mail message to a first location inside the firewall (see Gough; column 18, lines 3-20; column 4, lines 1-21);

means for receiving the e-mail message at the first location, for identifying the request for desired additional rich media content in the received e-mail message and for providing a validation of the request for desired additional rich media content, said identifying means being located inside the firewall (see Gough; column 18, lines 3-20; column 4, lines 1-21);

means for adding the desired additional rich media content to the e-mail message responsive to the validation to produce an enhanced e-mail message, said receiving means being located outside the firewall; and means for redirecting the enhanced e-mail message to the intended recipient (see Gough; fig. 3, column 7, lines 43-61; column 3, lines 50-67).

52. (currently amended) In a multi-user e-mail messaging system interfaced through the Internet and including at least a first user group sharing at least a first server, which first server is, in turn, interfaced to the Internet such that any user of the first user group may send an e-mail message for transfer to an intended recipient selected as at least one of (i) another user in the first user group and (ii) a remote user interfaced to the Internet by

a connection other than said first server (see Gough; fig. 1, items 10, 12, 14, 15, and 16; also see abstract), said messaging system including a firewall surrounding said first user group and said first server[see Shapiro; column 11, lines 46-54; column 20, lines 58-67], a configuration comprising:

means for placing said e-mail message en route to the intended recipient
composed and sent via a standard messaging protocol (see Shapiro, col. 1, lines 44-54)
(see Gough; column 18, lines 3-20; column 4, lines 1-21);

means for directing the e-mail message to a first location inside the firewall (see Gough; column 18, lines 3-20; column 4, lines 1-21);

means for receiving the e-mail message at the first location, for adding a request for desired additional rich media content to the received e-mail message and for providing a validation of the request for desired additional rich media content, said identifying means being located inside the firewall (see Gough; column 18, lines 3-20; column 4, lines 1-21);

means for adding the desired additional rich media content to the e-mail message responsive to the validation to produce an enhanced e-mail message, said receiving means being located outside the firewall; and means for redirecting the enhanced e-mail message to the intended recipient (see Gough; fig. 3, column 7, lines 43-61; column 3, lines 50-67).

53. (currently amended) In a multi-user e-mail messaging system interfaced through the Internet and including at least a first user group sharing at least a first server, which first server is, in turn, interfaced to the Internet such that any user of the

first user group may send an e-mail message for transfer to an intended recipient selected as at least one of (i) another user in the first user group and (ii) a remote user interfaced to the Internet by a connection other than said first server (see Gough; fig. 1, items 10, 12, 14, 15, and 16; also see abstract), said messaging system including a firewall surrounding said first user group and said first server[see Shapiro; column 11, lines 46-54; column 20, lines 58-67], a configuration comprising:

a first arrangement for adding a request for desired additional rich media content to the e-mail message and for placing the e-mail message en route to the intended recipient composed and sent via a standard messaging protocol (see Shapiro, col. 1, lines 44-54) (see Gough; column 18, lines 3-20; column 4, lines 1-21);

a second arrangement located within the firewall for selectively receiving the e-mail message within the firewall, for identifying the request for desired additional rich media content in the received e-mail message and for providing a validation of the request for desired additional rich media content (see Gough; column 18, lines 3-20; column 4, lines 1-21);

a third arrangement for selectively adding the desired additional rich media content to the e-mail message responsive to said validation to produce an enhanced e-mail message including the desired additional rich media content, said third arrangement being located outside the firewall and configured for redirecting the enhanced e-mail message to the intended recipient (see Gough; fig. 3, column 7, lines 43-61; column 3, lines 50-67).

54. (currently amended) In a multi-user e-mail messaging system interfaced through the Internet and including at least a first user group sharing at least a first server, which first server is, in turn, interfaced to the Internet such that any user of the first user group may send an e-mail message for transfer to an intended recipient selected as at least one of (i) another user in the first user group and (ii) a remote user interfaced to the Internet by a connection other than said first server (see Gough; fig. 1, items 10, 12, 14, 15, and 16; also see abstract), said messaging system including a firewall surrounding said first user group and said first server[see Shapiro; column 11, lines 46-54; column 20, lines 58-67], a configuration comprising:

a first arrangement for placing the e-mail message en route to the intended recipient composed and sent via a standard messaging protocol (see Shapiro, col. 1, lines 44-54);

a second arrangement located within the firewall for receiving the e-mail message, for adding a request for desired additional rich media content to the received e-mail message and for providing a validation of the request for desired additional rich media content (see Gough; column 18, lines 3-20; column 4, lines 1-21);

a third arrangement for selectively adding the desired additional rich media content to the e-mail message responsive to said validation to produce an enhanced e-mail message including the desired additional rich media content, said third arrangement being located outside the firewall and configured for redirecting the enhanced e-mail message to the intended recipient (see Gough; fig. 3, column 7, lines 43-61; column 3, lines 50-67).

55. (currently amended) In a multi-user e-mail messaging system interfaced through the Internet and including at least a first user group sharing at least a first server, which first server is, in turn, interfaced to the Internet such that any user of the first user group may send an e-mail message for transfer to an intended recipient selected as at least one of (i) another user in the first user group and (ii) a remote user interfaced to the Internet by a connection other than said first server (see Gough; fig. 1, items 10, 12, 14, 15, and 16; also see abstract), said messaging system including a firewall surrounding said first user group and said first server[see Shapiro; column 11, lines 46-54; column 20, lines 58-67], a configuration comprising:

a first enhancement configuration within the firewall, said first enhancement configuration being configured for adding a request for desired additional rich media content to the e-mail message, placing the e-mail message en route to the intended recipient composed and sent via a standard messaging protocol (see Shapiro, col. 1, lines 44-54), receiving the e-mail message within the firewall, identifying the request for desired additional rich media content in the received e-mail message, providing a validation of the request for desired additional rich media content, and directing the received e-mail message to a predetermined location outside the firewall (see Gough; column 18, lines 3-20; column 4, lines 1-21); and

a second enhancement configuration located at said predetermined location, said second enhancement configuration being configured for adding the desired additional rich media content to the forwarded e-mail message, responsive to the validation, to produce an enhanced e-mail message, and redirecting the enhanced e-mail message

from the second enhancement server to the intended recipient (see Gough; fig. 3, column 7, lines 43-61; column 3, lines 50-67).

56. (currently amended) In a multi-user e-mail messaging system interfaced through the Internet and including at least a first user group sharing at least a first server, which first server is, in turn, interfaced to the Internet such that any user of the first user group may send an e-mail message for transfer to an intended recipient selected as at least one of (i) another user in the first user group and (ii) a remote user interfaced to the Internet by a connection other than said first server (see Gough; fig. 1, items 10, 12, 14, 15, and 16; also see abstract), said messaging system including a firewall surrounding said first user group and said first server[see Shapiro; column 11, lines 46-54; column 20, lines 58-67], a configuration comprising:

a first enhancement configuration within the firewall, said first enhancement configuration being configured for placing the e-mail message en route to the intended recipient composed and sent via a standard messaging protocol (see Shapiro, col. 1, lines 44-54) receiving the e-mail message within the firewall, adding a request for desired additional rich media content to the received e-mail message, providing a validation of the request for desired additional rich media content, and directing the received e-mail message to a predetermined location outside the firewall(see Gough; column 18, lines 3-20; column 4, lines 1-21); and

a second enhancement configuration located at said predetermined location, said second enhancement configuration being configured for adding the desired additional rich media content to the forwarded e-mail message, responsive to the validation, to

produce an enhanced e-mail message, and redirecting the enhanced e-mail message from the second enhancement server to the intended recipient (see Gough; fig. 3, column 7, lines 43-61; column 3, lines 50-67).

57. (currently amended) In a multi-user e-mail messaging system interfaced through the Internet and including at least a first user group sharing at least a first server, which first server is, in turn, interfaced to the Internet such that any user of the first user group may send an e-mail message for transfer to an intended recipient selected as at least one of (i) another user in the first user group and (ii) a remote user interfaced to the Internet by a connection other than said first server (see Gough; fig. 1, items 10, 12, 14, 15, and 16; also see abstract), said messaging system including a firewall surrounding said first user group and said first server [see Shapiro; column 11, lines 46-54; column 20, lines 58-67], a configuration comprising:

means for adding a request for desired additional rich media content to the e-mail message and for placing the e-mail message en route to the intended recipient composed and sent via a standard messaging protocol (see Shapiro, col. 1, lines 44-54) (see Gough; column 18, lines 3-20; column 4, lines 1-21);

means located within the firewall for receiving the e-mail message, for identifying the request for desired additional rich media content in the received e-mail message and for providing a validation of the request for desired additional rich media content (see Gough; column 18, lines 3-20; column 4, lines 1-21); and

means located within the firewall for adding the desired additional rich media content to the e-mail message responsive to said validation to produce an enhanced e-

mail message and for redirecting the enhanced e-mail message to the intended recipient (see Gough; fig. 3, column 7, lines 43-61; column 3, lines 50-67).

58. (currently amended) In a multi-user e-mail messaging system interfaced through the Internet and including at least a first user group sharing at least a first server, which first server is, in turn, interfaced to the Internet such that any user of the first user group may send an e-mail message for transfer to an intended recipient selected as at least one of (i) another user in the first user group and (ii) a remote user interfaced to the Internet by a connection other than said first server (see Gough; fig. 1, items 10, 12, 14, 15, and 16; also see abstract), said messaging system including a firewall surrounding said first user group and said first server [see Shapiro; column 11, lines 46-54; column 20, lines 58-67], a configuration comprising:

means for placing the e-mail message en route to the intended recipient composed and sent via a standard messaging protocol (see Shapiro, col. 1, lines 44-54) (see Gough; column 18, lines 3-20; column 4, lines 1-21);

means located within the firewall for receiving the e-mail message, for adding a request for desired additional rich media content to the received e-mail message and for providing a validation of the request for desired additional rich media content (see Gough; column 18, lines 3-20; column 4, lines 1-21); and

means located within the firewall for adding the desired additional rich media content to the e-mail message responsive to said validation to produce an enhanced e-mail message and for redirecting the enhanced e-mail message to the intended recipient (see Gough; fig. 3, column 7, lines 43-61; column 3, lines 50-67).

59. (currently amended) In a multi-user e-mail messaging system interfaced through the Internet and including at least a first user group sharing at least a first server, which first server is, in turn, interfaced to the Internet such that any user of the first user group may send an e-mail message for transfer to an intended recipient selected as at least one of (i) another user in the first user group and (ii) a remote user interfaced to the Internet by a connection other than said first server (see Gough; fig. 1, items 10, 12, 14, 15, and 16; also see abstract), said messaging system including a firewall surrounding said first user group and said first server [see Shapiro; column 11, lines 46-54; column 20, lines 58-67], a configuration comprising:

a first arrangement for adding a request for desired additional rich media content to the e-mail message and for placing the e-mail message en route to the intended recipient composed and sent via a standard messaging protocol (see Shapiro, col. 1, lines 44-54); a second arrangement for selectively receiving the e-mail message within the firewall; a third arrangement for identifying the request for desired additional rich media content in the received e-mail message and for providing a validation of the request for desired additional rich media content; (see Gough; column 18, lines 3-20; column 4, lines 1-21); a fourth arrangement for adding the desired additional rich media content to the e-mail message responsive to said validation to produce an enhanced e-mail message including the desired additional rich media content; a fifth arrangement for redirecting the enhanced e-mail message to the intended recipient. (see Gough; column 18, lines 3-20; column 4, lines 1-21); and

60. (currently amended) In a multi-user e-mail messaging system interfaced through the Internet and including at least a first user group sharing at least a first server, which first server is, in turn, interfaced to the Internet such that any user of the first user group may send an e-mail message for transfer to an intended recipient selected as at least one of (i) another user in the first user group and (ii) a remote user interfaced to the Internet by a connection other than said first server (see Gough; fig. 1, items 10, 12, 14, 15, and 16; also see abstract), said messaging system including a firewall surrounding said first user group and said first server[see Shapiro; column 11, lines 46-54; column 20, lines 58-67], a configuration comprising:

a first arrangement for placing the e-mail message en route to the intended recipient composed and sent via a standard messaging protocol (see Shapiro, col. 1, lines 44-54); a second arrangement for selectively receiving the e-mail message within the firewall; a third arrangement for adding a request for desired additional rich media content to the received e-mail message and for providing a validation of the request for desired additional rich media content; a fourth arrangement for adding the desired additional rich media content to the e-mail message responsive to said validation to produce an enhanced e-mail message including the desired additional rich media content; and a fifth arrangement for redirecting the enhanced e-mail message to the intended recipient (see Gough; column 18, lines 3-20; column 4, lines 1-21).

61. (currently amended) In a multi-user e-mail messaging system interfaced through the Internet and including at least a first user group sharing at least a first server, which first server is, in turn, interfaced to the Internet such that any user of the

first user group may send an e-mail message for transfer to an intended recipient selected as at least one of (i) another user in the first user group and (ii) a remote user interfaced to the Internet by a connection other than said first server (see Gough; fig. 1, items 10, 12, 14, 15, and 16; also see abstract), said messaging system including a firewall surrounding said first user group and said first server[see Shapiro; column 11, lines 46-54; column 20, lines 58-67], a configuration comprising:

a first enhancement configuration within the firewall, said first enhancement configuration being configured for adding a request for desired additional rich media content to the e-mail message, placing the e-mail message en route to the intended recipient composed and sent via a standard messaging protocol (see Shapiro, col. 1, lines 44-54), receiving the e-mail message within the firewall, identifying the request for desired additional rich media content in the received e-mail message, providing a validation of the request for desired additional rich media content, and directing the received e-mail message to a predetermined location inside the firewall(see Gough; column 18, lines 3-20; column 4, lines 1-21); and

a second enhancement configuration located at said predetermined location, said second enhancement configuration being configured for adding the desired additional rich media content to the forwarded e-mail message, responsive to the validation, to produce an enhanced e-mail message, and redirecting the enhanced e-mail message from the second enhancement server to the intended recipient (see Gough; fig. 3, column 7, lines 43-61; column 3, lines 50-67).

64. (currently amended) A computer program arrangement in a computer readable medium for use in a multi-user e-mail messaging system interfaced through the Internet and including at least a first user group sharing at least a first server, which first server is, in turn, interfaced to the Internet such that any user of the first user group may send an e-mail message for transfer to an intended recipient selected as at least one of (i) another user in the first user group and (ii) a remote user interfaced to the Internet by a connection other than said first server (see Gough; fig. 1, items 10, 12, 14, 15, and 16; also see abstract), said messaging system including a firewall surrounding said first user group and said first server [see Shapiro; column 11, lines 46-54; column 20, lines 58-67], said computer program arrangement comprising:

first instructions for receiving the e-mail message within the firewall after said e-mail message has been composed and sent via a standard messaging protocol (see Shapiro, col. 1, lines 44-54) by an originating user of the first user group, said e-mail message including a request for desired additional rich media content; second instructions for identifying the request for desired additional rich media content in the received e-mail message; third instructions for providing a validation of the request for desired additional rich media content; fourth instructions for forwarding the received e-mail message to predetermined location outside the firewall; at the predetermined location, fifth instructions for adding the desired additional rich media content to the forwarded e-mail message responsive to said validation to produce an enhanced e-mail message; and sixth instructions for redirecting the enhanced e-mail message to the intended recipient (see Gough; column 18, lines 3-20; column 4, lines 1-21).

65. (Original) The computer program arrangement of claim 64, wherein said messaging system further includes a second server located at the predetermined location, and wherein said first, second, third, fourth, fifth and sixth instructions are distributed at least among the first user group and the first and second servers (see Gough; fig. 3, column 7, lines 43-61; column 3, lines 50-67).

66. (previously amended) A computer program arrangement in a computer readable medium for use in a multi-user e-mail messaging system interfaced through the Internet and including at least a first user group sharing at least a first server, which first server is, in turn, interfaced to the Internet such that any user of the first user group may send an e-mail message for transfer to an intended recipient selected as at least one of (i) another user in the first user group and (ii) a remote user interfaced to the Internet by a connection other than said first server, said messaging system including a firewall surrounding said first user group and said first server (see Gough; fig. 1, items 10, 12, 14, 15, and 16; also see abstract), said computer program arrangement comprising:

first instructions for receiving the e-mail message within the firewall after said e-mail message has been originated by an originating user of the first user group, said e-mail message including a request for desired additional rich media content [see Shapiro; column 11, lines 46-54; column 20, lines 58-67];;

second instructions for identifying the request for desired additional rich media content in the received e-mail message; third instructions for providing a validation of the request for desired additional rich media content; fourth instructions for forwarding

the received e-mail message to a predetermined location inside the firewall (see Gough; fig. 3, column 7, lines 43-61; column 3, lines 50-67);

at the predetermined location, fifth instructions for adding the desired additional rich media content to the forwarded e-mail message responsive to said validation to produce an enhanced e-mail message; and sixth instructions for redirecting the enhanced e-mail message to the intended recipient (see Gough; column 18, lines 3-20; column 4, lines 1-21).

67. (Original) The computer program arrangement of claim 66 wherein said first, second, third, fourth, fifth and sixth instructions are distributed at least among the first user group and the first server (see Gough; column 18, lines 3-20; column 4, lines 1-21);

68. (currently amended) In a multi-user e-mail messaging system interfaced through the Internet and including at least a first user group sharing at least a first server, which first server is, in turn, interfaced to the Internet such that any user of the first user group may send an e-mail message for transfer to an intended recipient selected as at least one of (i) another user in the first user group and (ii) a remote user interfaced to the Internet by a connection other than said first server[see Shapiro; column 11, lines 46-54; column 20, lines 58-67], a configuration comprising:

means for allowing an originating user of the e-mail message to add a request for desired additional rich media content to the e-mail message composed and sent via a standard messaging protocol (see Shapiro, col. 1, lines 44-54), for providing a validation of the request for desired additional rich media content according to a set of desired

criteria, and for directing the e-mail message to a specified location(see Gough; column 18, lines 3-20; column 4, lines 1-21); and

means for performing additional processing located at the specified location configured for adding the desired additional rich media content to the e-mail message, responsive to said validation, to produce an enhanced e-mail message, and for redirecting the enhanced e-mail message to the intended recipient (see Gough; fig. 3, column 7, lines 43-61; column 3, lines 50-67).

69. (Original) The e-mail messaging system of claim 68 further including a firewall surrounding said first user group and said first server and wherein said predetermined location is situated outside of the firewall (see Gough; column 18, lines 3-20; column 4, lines 1-21);

70. (currently amended) In a multi-user e-mail messaging system interfaced through the Internet and including at least a first user group sharing at least a first server, which first server is, in turn, interfaced to the Internet such that any user of the first user group may send an e-mail message, said e-mail message being composed and sent via a standard messaging protocol (see Shapiro, col. 1, lines 44-54) by an originating user and including a body, which contains a portion of the e-mail message viewable by the originating user, and for transfer to an intended recipient selected as at least one of (i) another user in the first user group and (ii) a remote user interfaced to the Internet by a connection other than said first server (see Gough; fig. 1, items 10, 12, 14, 15, and 16; also see abstract), said messaging system including a

firewall surrounding said first user group and said first server[see Shapiro; column 11, lines 46-54; column 20, lines 58-67], a configuration comprising:

means for allowing the originating user to add a reference tag to the e-mail message before the e-mail message has been originated by the originating user, which reference tag is positioned outside of the body of the e-mail message, and for directing the e-mail message, including the reference tag, to a specified location outside of the firewall(see Gough; column 18, lines 3-20; column 4, lines 1-21); and

at the specified location, means for adding additional rich media content to the body of the e-mail message, responsive to the reference tag, to produce an enhanced e-mail message, and for redirecting the enhanced e-mail message to the intended recipient (see Gough; fig. 3, column 7, lines 43-61; column 3, lines 50-67).

71. (Original) The e-mail messaging system of claim 70 wherein said preprocessing means further includes means for validating the reference tag according to a set of desired criteria after the e-mail message, including the reference tag, has been originated by the originating user (column 14, lines 15-36).

72. (currently amended) In a multi-user e-mail messaging system interfaced through the Internet and including at least a first user group sharing at least a first server, which first server is, in turn, interfaced to the Internet such that any user of the first user group may send an e-mail message for transfer to an intended recipient selected as at least one of (i) another user in the first user group and (ii) a remote user interfaced to the Internet by a connection other than said first server (see Gough; fig. 1, items 10, 12, 14, 15, and 16; also see abstract), said messaging system including a

Art Unit: 2143

firewall surrounding said first user group and said first server[see Shapiro; column 11, lines 46-54; column 20, lines 58-67], a configuration comprising:

a local e-mail server system located within the firewall and including an e-mail client plug-in for allowing an originating user of the first user group, which originating user originates said e-mail message, to add a request for desired additional rich media content to the e-mail message composed and sent via a standard messaging protocol (see Shapiro, col. 1, lines 44-54), a local enhancement server for providing a validation of the request for desired additional rich media content according to a set of predetermined criteria after the e-mail message, including the request for desired additional rich media content, has been originated by the originating user of the first user group, and also for directing the e-mail message, including the request for desired additional rich media content, to a predetermined location outside of the firewall (see Gough; column 18, lines 3-20; column 4, lines 1-21); and

an external enhancement server at the predetermined location for adding the desired additional rich media content to the e-mail message responsive to the validation to produce an enhanced e-mail message, and for redirecting the enhanced e-mail message to the intended recipient (see Gough; fig. 3, column 7, lines 43-61; column 3, lines 50-67).

73-76. (canceled)

New claims 77-82, and 84-105 are similar claims related to the added configuration of a standard messaging protocol that comprises a Simple Mail Transfer Protocol ("SMTP") (see Shapiro, col. 1, lines 44-54).

Allowable Subject Matter

1. Claims 8-11 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Allowed claims

5. Claims 45, and 83 have been allowed.

Conclusion

6. ***This action is made Non-Final.*** Any inquiry concerning this communication or earlier communications from examiner should be directed to Jude Jean-Gilles whose telephone number is (571) 272-3914. The examiner can normally be reached on Monday-Thursday and every other Friday from 8:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan Flynn, can be reached on (571) 272-1915. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-3301.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (571) 272-0800.

Application/Control Number: 09/939,136

Art Unit: 2143

Page 39

/Jude J Jean-Gilles/

Primary Examiner, Art Unit 2143

JJG

May 26, 2008